Transformation golf:

Download the Golf file from the web site.

Open the file (this uses Geometers Sketchpad, which is available in this (NH 320) the computers in WEB and the computers in the gray lab in DL).

On each hole, get the blue shape to cover the green shape.

Move from one hole to the next by clicking the tab at the lower right of the window.

**To make a reflection:**

Draw a reflection line (use line tool) 

Switch to arrow tool 

Double click on the line (to mark it as a reflection line)

Click on the blue triangle

Choose ***Transform->Reflect***

**Translation:**

Use the arrow tool 

Click on the blue triangle

Choose ***Transform->Translate***

Select "***Rectangular***"

Type in how far left/right and up/down you want the triangle to move

**Rotation:**

Draw a point (point tool) 

Switch to arrow tool 

Double click the point (to mark it as the center)

Click the blue triangle

Choose **Transform->Rotate**

Type in the angle you want to use (remember positive is counter clockwise, and negative is clockwise)

When you are done, save your file using ***File→Save As***

Add your name to the file name

Put it in the drop box.